

Date: Fri, 5 Feb 93 14:43:14 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #172  
To: Info-Hams

Info-Hams Digest                      Fri, 5 Feb 93                      Volume 93 : Issue 172

Today's Topics:

(none)  
\*.KEP File or Data Wanted for RS-12 Satellite  
73 Magazine advertising  
73s (Not 73)  
[ANS] Club callsigns  
ALINCO DJ-580T Question  
Can a person have a private repeater?  
circuit modeling (2 msgs)  
Extra Class Call Signs  
ht bnc connectors  
Need help on impedance of 1/2 wave loop  
Packet thru internet  
Proposition  
QRP Mobile  
Real Hams Pass British Exams?  
WHICH ONE TO BUY ??

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 5 Feb 93 17:21:13 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: (none)  
To: info-hams@ucsd.edu

My name is Scott Caden Ream  
My calls are KB2HKR

I would like to receive your Info-Hams Digest

My e mail address is sream

Thank you

Scott Caden Ream  
Tech. Operator  
KB2HKR

-----  
Date: 5 Feb 93 14:51:35 GMT  
From: ogicse!emory!gatech!asuvax!chnews!hfglobe!mgustof@network.UCSD.EDU  
Subject: \*.KEP File or Data Wanted for RS-12 Satellite  
To: info-hams@ucsd.edu

Fellow Satellite Enthusiasts:

I would like to acquire \*.KEP file  
in AMSAT format for the RS-12  
satellite. Can anyone e-mail this  
to me?

Thanks in advance  
W07T - Mark

-----  
Date: 5 Feb 93 15:06:58 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: 73 Magazine advertising  
To: info-hams@ucsd.edu

>Did you ever notice that 73 is top-heavy with ads from small "garage-shop"  
>companies? I suspect that part of the reason is that the small  
>proprietors aren't hooked in to the old-boy ham radio gossip network  
>and so aren't aware about the stories of 73's whimsical circulation  
>figures. The big outfits know pretty much what 73's circulation  
>actually is, and base their ad campaigns accordingly.

>AL N1AL

I run one of those "garage shop" companies, Northern Lights Software.  
73 has a lot of ads from small outfits because their advertising staff  
is rather, shall we say, \*aggressive\*. 15 telephone calls over 6 weeks,

trying to get me to advertise. They were very polite and professional, but they just wouldn't give up. Add aggressive ad staff to dubious claims of circulation/market penetration, as well as the really expensive rates of CQ & QST, and lots of small-scale operations will choose to advertise there.

Did I succumb? No way. I'm not about to hang around in the same advertising neighborhood as "BEAT CELLULAR TELEPHONE TOLLS!" and other disreputable outfits. I'd rather advertise in the National Enquirer.

Michael Owen W9IP

-----  
Date: Thu, 4 Feb 1993 22:42:30 GMT  
From: mvb.saic.com!unogate!news.service.uci.edu!usc!sdd.hp.com!hp-cv!hp-pcd!hpspkla!dubner@network.UCSD.EDU  
Subject: 73s (Not 73)  
To: info-hams@ucsd.edu

Yes, I know that the term "73" (best regards) doesn't need an "s" suffix, but in this case I'm referring to multiple instances of 73 -- hence "73s".

Have you ever noticed the ingenious excuses that a ham will use when he wants to terminate a QSO. Rather than hurt the QSOee's feelings by saying he'd rather read yesterday's newspaper than continue the QSO any longer, a ham will find some "crisis" needing his attention. Even on packet among locals, this B.S. keeps on flowing! Here are some genuine, over-the-air reasons for signing off. [The comments in the square brackets are mine.]

WELL GOT THE CALL FROM MY WIFE AS SHE NEEDS HELP WILL TALK TO YOU LATER.... TAKE CARE 73'S YOU DISCONNECT...  
[ Yeah, sure! When was the last time he helped the YF? Do you really believe he'd quit playing radios just to help the YF?]

Well, Chuck, I have coffee brewed upstairs and the xyl is finally up for all day.  
[ It took some strong coffee, but he finally woke the XYL. Now he'd better QRT before she finds him playing radios.]

Well Joe, I think I better let you go.  
[ Right. I'm unable to type DISCONNECT myself until you turn CONPERM OFF.]

The wife just called for dinner, so I'd better not be late.  
[ It wouldn't hurt for you to miss this meal -- you're already as big as

a house.]

You are invited to add to the list. I'd continue it, but it's time for me to take the dog to his therapist. C'mon Spuds.

73,  
Joe, K7JD  
dubner@spk.hp.com

-----  
Date: 4 Feb 1993 18:24:30 -0800  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!  
howland.reston.ans.net!bogus.sura.net!darwin.sura.net!mojo.eng.umd.edu!  
news.isi.com!news.isi.com!not-for-mail@network.UCSD.  
Subject: [ANS] Club callsigns  
To: info-hams@ucsd.edu

W6BB - U.C. Berkeley  
W6YX - Stanford  
W6YL - San Jose State

--  
Jerry Gardner (jerry@isi.com) | "Violence is the last refuge of  
Integrated Systems, Inc. | the incompetent" - Isaac Asimov

-----  
Date: 5 Feb 93 18:25:19 GMT  
From: ogicse!uwm.edu!cs.utexas.edu!sdd.hp.com!hpscit.sc.hp.com!icon.rose.hp.com!  
greg@network.UCSD.EDU  
Subject: ALINCO DJ-580T Question  
To: info-hams@ucsd.edu

Mine works just fine. S/N = 5494

Greg KD6KGW

-----  
Date: 5 Feb 93 03:43:48 GMT  
From: pacbell.com!sgiblab!sgigate!olivea!charnel!sifon!newsflash.concordia.ca!  
nstn.ns.ca!news.ucs.mun.ca!morgan.ucs.mun.ca!dlawlor@network.UCSD.EDU  
Subject: Can a person have a private repeater?  
To: info-hams@ucsd.edu

Can a person have their own private repeater setup in Canada. I

understand that clubs can have them but what about a single person? If they can what are the licencing requirements? Does the repeater have to have it's own callsign?

Thanks, Doug

--

Doug Lawlor, vo1cm

Internet: dlawlor@morgan.ucs.mun.ca or dlawlor@kean.ucs.mun.ca

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Date: Fri, 5 Feb 1993 15:31:57 GMT

From: usc!cs.utexas.edu!uwm.edu!linac!att!cbnewsm!jeffj@network.UCSD.EDU

Subject: circuit modeling

To: info-hams@ucsd.edu

In article <9302050256.AA01787@netmail.microsoft.com> a-kevinp@microsoft.COM (Kevin Purcell, Rho) writes:

>Does anyone know of any SPICE programs (the cheaper the better) for the >Macintosh.

>

>Electronic WorkBench appears to be SPICE in a visual wrapper.

I ran the demo of that for the PC and it looks great! However at \$299 or \$199 for the DOS versions and \$199 for the Mac version it is way out of my price range! But I sure would like to have it. It looks like a great way to design circuits and learn about them at the same time. 73!

Jeff

--

Jeff Jones AB6MB		Nickel Back: What you get when you ask free
jeffj@seeker.mystic.com		agents to give you a million
Infolinc BBS 415-778-5929		dollars worth of effort.

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Date: 5 Feb 93 18:56:57 GMT

From: ogicse!sequent!muncher.sequent.com!edw@network.UCSD.EDU

Subject: circuit modeling

To: info-hams@ucsd.edu

In article <1993Feb5.153157.12916@cbnewsm.cb.att.com> jeffj@cbnewsm.cb.att.com (jeffrey.n.jones) writes:

>In article <9302050256.AA01787@netmail.microsoft.com> a-kevinp@microsoft.COM (Kevin Purcell, Rho) writes:

>>Does anyone know of any SPICE programs (the cheaper the better) for the >>Macintosh.

>>  
>>Electronic WorkBench appears to be SPICE in a visual wrapper.  
>  
>I ran the demo of that for the PC and it looks great! However at  
>\$299 or \$199 for the DOS versions and \$199 for the Mac version  
Gee Whiz  
I bought a spice book for about \$25 and with t got PC Spice and  
MacSpice for I think \$10 each.  
When I get off this road trip I can post the isbn.  
PH was the publisher  
ed  
--  
-- I think I've got the hang of it now .... :w :q :wq :wq! ^d X exit ^X^C ~.  
^[x X Q :quitbye CtrlAltDel ~~q :~q logout save/quit :!QUIT ^[zz ^[ZZ  
ZZZZ ^H ^@ ^L ^[c \$q ^# ^E ^X ^I ^T ? help helpquit ^D ^d ^C ^c help  
^]q exit ?Quit ?q anybackbone!sequent!edw edw@sequent.COM KA9AHQ 28.340

-----  
Date: 5 Feb 93 02:24:29 GMT  
From: elroy.jpl.nasa.gov!usc!sdd.hp.com!news.cs.indiana.edu!bsu-cs!news.nd.edu!  
lafmac48@ames.arpa  
Subject: Extra Class Call Signs  
To: info-hams@ucsd.edu

Sorry to ask what is possibly a stupid question, but are extra call signs  
now in the same format as advanced call signs?

-----  
Date: Thu, 4 Feb 1993 17:51:07 GMT  
From: haven.umd.edu!darwin.sura.net!zaphod.mps.ohio-state.edu!caen!umeecs!  
zip.eecs.umich.edu!hideg@ames.arpa  
Subject: ht bnc connectors  
To: info-hams@ucsd.edu

I took the nut off and made some "serrations" on the bottom of it with a  
small file. Then I tightened it back on. Never had a problem.

Nowhere near as messy as glues.

-----  
Steve Hideg N8HSC

hideg@amadeus.erim.org  
-----

Date: 3 Feb 93 19:33:05 GMT  
From: dog.ee.lbl.gov!hellgate.utah.edu!caen!uwm.edu!cs.utexas.edu!  
qt.cs.utexas.edu!yale.edu!newsserver.jvnc.net!darwin.sura.net!gatech!asuvax!  
ennews!telesys!microm!brad@network.UCSD.EDU  
Subject: Need help on impedance of 1/2 wave loop  
To: info-hams@ucsd.edu

Hi there fellow ham'ers! I've been playing around with building a portable loop antenna for 10 meters (skiing trip next month!), and could use some help and/or advice on how to figure out the theoretical feed point impedance. I'd rather not have to go out right now and invest in a noise bridge, or some other 100 buck device to figure out approximately what I need to do to feed this thing properly.

The project is based on an article in the October issue of 73 magazine. However, as often seems to be the case with antenna articles in that magazine, the author ignores the issue of feeding the antenna and says to just use a tuner! Well I'm still pretty new at this stuff, but it seems to me, that getting a decent match to your feed line at the transmitter with a tuner, is not going to ensure maximum radiation out the antenna. Also, info I've gathered from my ARRL Antenna Handbook, seems to suggest that the feedpoint impedance of a half wave loop with out the inductive loading I'm using here, may be quite high. The only example they give for an inductively loaded loop is for a full wave ... and I'm not sure how that info relates to a half wave loop.

All wire is heavy gauge galvanized steel wire(cheap!) #6.  
Using the formula for half wave length of a loop antenna ...

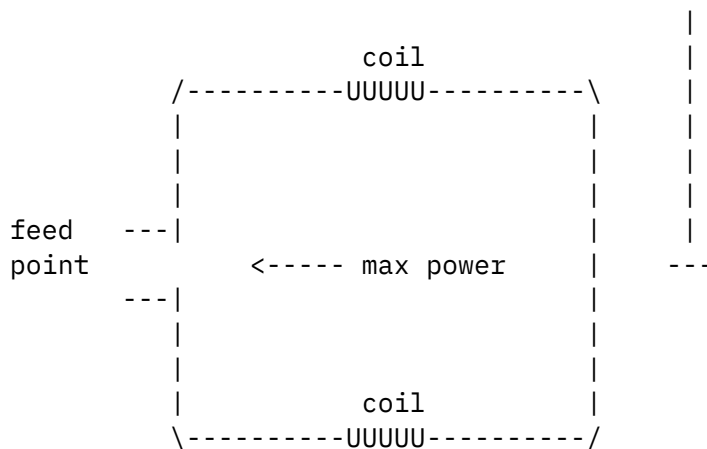
f = freq in mhz  
l = length in ft.  
  
l = 1005/2(f)  
l = 1005/2(28.400)  
l = 17.69 feet total length of element

Now a little about the coils ...

X = 360 ohms  
dimensions = 2.5 " long X 1.5" high  
turns = 10  
total length of wire in 1 coil = 4 ft.

So from this I came up with an antenna that looks something like this ...

|-----2.4 ft.



Actual use so far suggests that reception is great (heck a coat hanger will do \*that\* on ten meters!), but my signal is just not getting out very well. I'm running a HTX-100 with 25 watts out.

Once I have some idea as to the feed impedance, I can think more about the actual feed line. I could also use some tips about feed line length. My understanding is that there is something magical about odd numbered lengths of coax, but I don't quite understand the particulars.

Thanks in advance.

--

= Brad Fisher =	(PPSEL)	I'm just	Micro Maintenance, Inc.
usenet: brad@microm.tnet.com		a	2465 W. 12th St. #6
-or-...!asuvax!ennews!telesys!microm!brad		wanna be	Tempe, Arizona 85281
packet: N7XSS@KC7Y.AZ.USA.NA		UNIX guru!!	602/894-5526

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Date: 4 Feb 93 18:05:25 GMT  
 From: pacbell.com!sgiblab!spool.mu.edu!hri.com!ukma!cs.widener.edu!dsinc!ub!  
 galileo.cc.rochester.edu!ee.rochester.edu!sperber@network.UCSD.EDU  
 Subject: Packet thru internet  
 To: info-hams@ucsd.edu

I dont know if this is possible, or if it is even correct, or even if it has been asked before (I lost my latest copy of the FAQ). Basically my question is:

Is it possible to send email from the internet to a packet station?

Put plainly I am trying to get in touch with my instructor from high school (Chet Bacon, KA1ILH), thru internet email,if possible.

Any help would be greatly appreciated.  
 Thanks in advance



73s  
mike KA1VCN

--

Michael Sperber KA1VCN

Trust me. I know what I am doing. I think.

sperber@ee.rochester.edu(internet) sprb\_ltd@uhura.cc.rochester.edu(alt.internet)  
SPRB\_LTD@UORDBV.BITNET (BITNET) sprb\_ltd@db1.cc.rochester.edu (alt.internet)

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Date: Thu, 4 Feb 93 21:44:51 GMT  
From: dog.ee.lbl.gov!hellgate.utah.edu!cs.utexas.edu!uwm.edu!linac!att!cbnews!  
cbnews1!att-out!walter!porthos!dancer!whs70@network.UCSD.EDU  
Subject: Proposition  
To: info-hams@ucsd.edu

In article <C1xyFA.Ku0@boi.hp.com> swalton@mail.boi.hp.com (Sean\_Walton; 85U524;  
x3821) writes:

>You need to have passed RECEIVING CW before you can transmit it. There  
>is no such thing as a "practice frequency" or "practice time" for those  
>that have not been able to receive even 25 letters (min). I'll have you  
>know that the slowest speeds out there are 5 WPM. If a HAM cannot intel-  
>ligibly copy THAT, they sould not send (that would result in a "broad-  
>cast").

Slight correction here. There is no requirement that a "no-code"  
Technician must have passed a 5wpm test to operate CW in the VHF and  
above bands. It is, therefore, perfectly acceptablle for a group  
of no-code techs to establish a CW practice group/net anywhere  
CW is permitted above 30mhz even if they can barely send/receive  
1 wpm. As to the "broadcast" comment, I don't understand at all  
the logic of that statement.

This isn't meant as a flame (I support lowering CW requirments  
for HF), just wanted to point out a discrepancy in the statement  
above.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

-----  
Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)  
Morristown, NJ email via UUCP bcr!cc!whs70  
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com  
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Date: 4 Feb 93 09:52:40 EST

From: elroy.jpl.nasa.gov!sdd.hp.com!ncr-sd!ncrcae!ncrhub2!ncrgw2!psinnntp!  
arrrl.org@ames.arpa  
Subject: QRP Mobile  
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, fred-mckenzie@ksc.nasa.gov (Fred McKenzie) writes:

>In article <1993Feb3.205329.23882@news.ysu.edu>, ag821@yfn.ysu.edu (Jeff

>I have quite a bit more power in my mobile rig, and carry an old  
>plastic-based key along. However, it is rather clumsy to operate CW. I'm  
>curious how you have your key set up. Is it a paddle-operated key, or is  
>it a straight key? How do you have it mounted?

I have always done CW/M with a keyer. I have found that the paddle fits nicely in the console area between the two front seats (right in the spot that the car designer figured would hold loose change and dried-up pens). I then use duct tape to tape the keyer itself to underneath the dashboard. The rig is a BIG old Ten Tec Omni D, that I fit up under the dash, too. A bit cramped, but hey --- this is ham radio!

CW mobile is fun. After a while you get used to the motion of the car. If you are the driver, remember your priorities and pay more attention to the local situation vs the DX. Watch out for the big things on wheels first.

Those who are going to be traveling a lot (or who live in sparsely populated areas) might want to try the County Hunter's Nets - 14336 SSB and 14056 CW. Mobiles are in great demand on both nets and you will be treated like rare DX. QSLing is easy -- the station that wants the county confirmed will usually send you pre-filled out QSLs (with SASE) that only need your signature.

73 from ARRL HQ, Ed -- KA1CV

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Ed Hare, KA1CV  
American Radio Relay League  
225 Main St.  
Newington, CT 06111  
(203) 666-1541 - voice  
ARRL Laboratory Supervisor  
RFI, xmtr and rcvr testing

ehare@arrrl.org

You will never put the puzzle together  
if you keep putting all the pieces  
back in the box.

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Date: Fri, 5 Feb 1993 15:20:03 GMT  
From: spsgate!mogate!newsgate!usenet@uunet.uu.net  
Subject: Real Hams Pass British Exams?  
To: info-hams@ucsd.edu

In article <199302031756.AA08969@regal.cisco.com> faunt@dirtd.cisco.com  
(Doug Faunt N6TQS 415-688-8269) writes:  
> So, what does it take for a US citizen to take the exam? When are the  
> exams given? Where?

When I lived there (about 10 yrs ago), only British subjects were allowed  
to hold British amateur radio licenses. I don't know if that's still the  
case. There is, however, a reciprocal agreement between the U.S. and  
Britain.

73... Mark AA7TA

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Date: Fri, 5 Feb 1993 02:22:00 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!  
howland.reston.ans.net!bogus.sura.net!darwin.sura.net!utkux1.utk.edu!  
utkvx2.utk.edu!pratt@network.UCSD.EDU  
Subject: WHICH ONE TO BUY ??  
To: info-hams@ucsd.edu

I am looking for a dual band HT and would like the following features:

only one antenna, scanning ability, 10-15 memory channels, at least 5 watts,  
dtmf pad, 350-400 bucks, etc

Which brand and model do you recommend?

Thanks,  
Mark

-----  
Date: 4 Feb 1993 20:41:13 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!  
howland.reston.ans.net!usc!news.bbn.com!bbn.com!levin@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <1993Feb1.033120.10945@en.ecn.purdue.edu>,  
<1993Feb1.163215.19299@cbnewsm.cb.att.com>,  
<930203.025127.6w1.rusnews.w165w@ricksys.lonestar.org>  
Subject : Re: Heavy fist on 20 meters.

rick@ricksys.lonestar.org (Richard McCombs KB5SNF) writes:

|jeffj@cbnews.cb.att.com (jeffrey.n.jones) writes:

|> If you stuck 1000 monkeys in a room all with paddle keyers would they  
|> eventually have CW QSOs or would it always just sound like a big pileup? 8-)  
|> Then again they might all just hold out for their No-code tech license. 8-)  
|> Maybe one monkey would get his Extra so he could be Top Banana. 8-)  
|> Let's get some humor in newsgroup please. 73!

|Maybe they would send the complete works of Shakespeare? 8-)

Yes, they would.

Eventually.

/J

=

Nets: levin@bbn.com | "Earn more sessions by sleeving."

pots: (617)873-3463 |

N1MNF |

-- Roxanne Kowalski

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Date: 5 Feb 93 18:50:00 GMT

From: ogicse!emory!gatech!udel!gvls1!gvlf9-q!rossi@network.UCSD.EDU

To: info-hams@ucsd.edu

References <Charles.R.Hohenstein.1-040293212145@lafmac48.lafortune.lab.nd.edu>,  
<1993Feb5.032201.8411@pro-haven.cts.com>, <1993Feb5.145517.2166@e2big.mko.dec.com>

Subject : Re: Extra Class Call Signs

In article <1993Feb5.145517.2166@e2big.mko.dec.com> coolidge@zko.dec.com (Bayard R. Coolidge) writes:

>

>

> Once they run out of 2x2's-starting-with-an-A, then they will stick  
> newly minted Extras with "Advanced Class Calls" (starting with a K,  
> or whatever's being issued in the particular call area at the time).  
>

> I'm sure you've noticed that in at least the 4th and 6th call areas  
> that they ran out of "Tech/General" 1x3's-with-an-N and they've been  
> issuing 2x3's-with-a-K (previously issued to just Novices) to newly  
> licensed Tech's and Generals.

I read somewhere (probably here on the net) that when they run out  
of "A" Extra calls then they will start with calls like:

NA3AA  
NA3AB etc

and then

WA3AA  
WA3AB

Of course, by the time they actually run out of "A" calls things could change. Maybe by then we will be able to pick our own call.

=====

Pete Rossi - WA3NNA

rossi@VFL.Paramax.COM

Paramax Systems Corporation - a Unisys Company  
Electronic Systems - Valley Forge Engineering Center - Paoli, Pennsylvania  
=====

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Date: Thu, 4 Feb 1993 21:50:58 GMT  
From: dog.ee.lbl.gov!hellgate.utah.edu!caen!uwm.edu!cs.utexas.edu!usc!  
howland.reston.ans.net!usenet.ins.cwru.edu!news.csuohio.edu!vmcms.csuohio.edu!  
R0264@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <1993Feb1.033120.10945@en.ecn.purdue.edu>,  
<1993Feb1.163215.19299@cbnewsm.cb.att.com>, <1993Feb02.180631.24210@convex.com>du  
Subject : Re: Heavy fist on 20 meters.

In article <1993Feb02.180631.24210@convex.com>  
<tonyp@cnvsla.COM> (good, Conan - good!) writes:

>  
>In article <1993Feb1.163215.19299@cbnewsm.cb.att.com> jeffj@cbnewsm.cb.att.com  
>(jeffrey.n.jones) writes:  
>}>>>  
>}  
>}>If you stuck 1000 monkeys in a room all with paddle keyers would they  
>}>eventually have CW QSOs or would it always just sound like a big pileup? 8-)  
>  
>  
> No. because:  
>  
> o "R" number of monkeys would be listening on 40 and transmitting on WWV.  
>  
> o "S" number of monkeys would be tuning up on the other monkeys.  
>

> o "T" number of monkeys would be calling CQ DX - to others in the same room.  
>  
> o "U" number of monkeys would be calling CQ and not tuning around.  
>  
> o "V" number of monkeys would only work monkeys in a certain corner of the room.  
>  
> o "W" number of monkeys would be sending CQ CQ CQ de M0NKY -KN-.  
>  
> o "X" number of monkeys would be just sending VVV or TEST.  
>  
> o "Y" number of monkeys would be sending faster than they could receive.  
>  
> o "Z" number of monkeys would be using bugs, and have the dot/dash ratio  
> so heavy that no one would work them. didididididididit  
daaaaaaaaaaaaaaaaaah.  
>  
>--  
>Tony J. Podrasky | What's this thing?  
> San Diego , Ca | It's called a MODEM.  
>tonyp@convex.com | And what's this button for?  
>WA2EAA NNNN ZCZC | Whatever you do, don't touc{{{7bh6xx!{@%%hxbd&\$#)}\$% NO  
CARRIER  
All monkeys would be throwing the keyers against the walls and on the floor,  
and clawing at them to see if anything edible is inside.

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End of Info-Hams Digest V93 #172  
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